

Sheet 1

Part 1:C-basics: -

Q1 - write a C program to add two integers entered by user.

Test Data:

Input1: 5

Input2: 10

Expected Output:

The sum= 15

Q2- Write a C program to multiply two floating point numbers.

Test Data:

Input number1 = 2.5

Input number2= 4.8

Expected Output:

multiplication = 12

Q3- Write a C program to find the quotient and the remainder of two integers.

Test Data:

Input1 = 9

Input2 = 8

Expected Output:

Remainder = 1

Quotient =1.125

Part 2: conditions: -

Q4 - write a C program to check whether an integer is odd or even.

Test Data:

Input1: 2

Expected Output:

The output is even

Q5 - Write a program in C to find the largest number between three number

Test Data: 12 25 52

Expected Output:

1st Number = 12, 2nd Number = 25, 3rd Number = 52

The 3rd Number is the greatest among three

Q6 – Write a C program to check whether a triangle is Equilateral, Isosceles or Scalene.

Test Data:

50 50 60

Expected Output:

This is an isosceles triangle

Q7 – Write a C program to create Simple Calculator using switch case

Test Data:

Input number1: 5.3

Input number1: 2

Expected Output: $5.3 - 2 = 3.3$

Q8 – Write a C program to print the day of the week's name using switch case.

Test Data:

Input week number (1-7): 4

Expected Output:

Tuesday